## MATERIAL SAFETY DATA SHEET

MANUFACTURERS' NAME: ADVANCED COATINGS & CHEMICALS

Subsidiary of Olin Hunt Specialty Products, Inc.

DATE OF PREPARATION: 4-24-86

4343 Temple City Blvd. Temple City, CA 91780

EMERGENCY PHONE NO: (818) 579-	SECTION I-P	RODUCT IDEI	NTIFICATION	
PRODUCT FORMULA: 3_1H_3	SECTION I—P	NODOCI IDEI	MILIOATION	
3-11-5				
PRODUCT NAME: URETHANE HAS	RDENER PHATIC POLYISOCYAN	TATE TO SERVICE OF THE SERVICE OF TH		
PRODUCT CHEMICAL FAMILY: ALLE	SECTION II—H		NODEDIENTO	
<del></del>	T		E LIMITS IN AIR	IARC, NTP OSHA HAZARD EVALUATION
INGREDIENTS	CAS NUMBER	OSHA PEL	ACGIH TLV	
XYLENE	1330-20-7	100ppm	100ppm	NON-CARCINOGENIC NARCOTIC
n-BUTYL ACETATE	123-86-4	150ppm	150ppm	NON-CARCINOGENIC NARCOTIC
HEXAMETHYLENE DIISOCYANATE	822-06-0	SUGGI 0.02 <sub>E</sub>		SENSORY AND PULMONARY IRRITANT, NON-CARCINOGEN
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	SECTION	III—PHYSICA	1 DATA	
BOILING POINT: 258.8°F	JECTION		FIC GRAVITY:	1.06
VAPOR DENSITY (AIR = 1): HEAVIER			LATILE BY VOLUME:	
SOLUBILITY IN WATER: NEGLIGIBLE			EVAPORATION RATE: FASTER	
VAPOR PRESSURE: @20℃8	. 0 mr	(BUTY	L ACETATE = 1)	
	SECTION IV-FIRE	AND EXPLOSI	VE HAZARD DATA	
FLASH POINT: 91	%F. TCC LEL:	1.0	% by Volume UEL:	7.6 % By Volume

UNUSUAL FIRE AND EXPLOSION HAZARDS:

During a fire, irritating and toxic gases and smoke are present from decomposition. Isolate from heat, sparks and open flames. Closed containers may burst when exposed to extreme heat. Vapors form an explosive mixture in air between the upper and lower explosive limits. CONCERNIBER Full emergency equipment with self-contained breathing apparatus should be worn by firefighters.